

### **In the Claims**

Please amend page 20, line 1 as follows:

#### **Claims What is claimed is:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

#### **Listing of Claims:**

1. (Original) Method of triggered ultrasound imaging of the heart of a human or non-human animal subject administered with an ultrasound contrast agent wherein one high-energy ultrasound pulse is initiated such that this pulse falls within the refractory period of the heart.
2. (Original) Method of triggered ultrasound imaging as claimed in claim 1 wherein the high-energy ultrasound pulse is repeated to form a sequence of pulses initiated such that the first pulse of said sequence falls within the refractory period of the heart.
3. (Currently amended) Method as claimed in ~~claims 1 or 2~~ claim 1, wherein the first high-energy ultrasound pulse falls within the Q-R-S interval of the electrocardiogram of the heart.
4. (Currently amended) Method as claimed in ~~any of claims 1 to 3~~ claim 1, wherein the first high-energy ultrasound pulse coincides with the R-wave of the ECG of the heart.
5. (Currently amended) Method as claimed in ~~any of claims 1 to 4~~ claim 1, wherein in addition low energy imaging pulses are initiated after the high-energy ultrasound pulse or sequence of pulses.

6. (Original) Method as claimed in claim 5 wherein the low energy imaging pulses are initiated at or around a T-wave of the ECG of the heart.
7. (Currently amended) Method as claimed in ~~any of claims 1 to 6~~ claim 1, wherein the ultrasound technique used is selected from destruction-wash-in imaging, triggered replenishment imaging and real-time perfusion imaging.
8. (Currently amended) Method as claimed in ~~any of claims 1-7~~ claim 1, used in assessments of myocardial perfusion.
9. (Cancel) Use of an ultrasound contrast agent in a method as claimed in any of the preceding claims.
10. (Cancel) Use of an ultrasound contrast agent in the manufacture of an image-enhancing composition for administration to the vascular system of a human or non-human animal subject in order to measure or assess the perfusion of the myocardium in a method wherein one high-energy ultrasound pulse is initiated such that this pulse falls within the refractory period of the heart.
11. (Original) Method of ultrasound-induced destruction or modification of an ultrasound contrast agent preadministered to a human or non-human animal body, subjecting a target region of the heart of the body with one high-energy ultrasound pulse initiated such that this pulse falls within the refractory period of the heart, enabling destruction or modification of the contrast agent with a minimized risk of eliciting arrhythmia.